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ELECTROPHORETIC DISPLAY DEVICE**

NIPPON MEKTRON LTD

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Abstract: PURPOSE: To provide the electrophoretic display device having a long service life, which can maintain a desired display state for a long period by suppressing deterioration of a dispersed system.

CONSTITUTION: In the case of constituting the electrophoretic display device for executing a necessary display operation by enclosing a dispersed system 15 containing electrophoretic particles between a pair of counter electrode plates 11, 13 in which at least one of them is transparent, and absorbing and separating the electrophoretic particles to and from the transparent electrode plate side under an action of a display driving voltage applied between the electrode plates 11, 13, this device is constituted so that an application time of the display driving voltage is limited to the shortest time when a necessary contrast is obtained.

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